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Fibre reinforced refractory construction material - prepd. by coating
porous substrate e.g. gypsum board with aq. cement slurry contg. glass
fibre

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Number of Countries: 001 Number of Patents: 001

Patent Family:

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JP 52051719	A	19770425				197723 B

Priority Applications (No Type Date): JP 75126542 A 19751020

Abstract (Basic): JP 52051719 A

The fire-proofing and heat-resisting material exhibits no cracking and peeling-off, has no water-absorbability or -permeability, and good physical strength. It is used in construction for inner walls, outer walls, partitioning plate, roofing material and floors etc.

The material comprising a porous base material e.g. gypsum board, MgCO₃ plate, foamed concrete, perlite plate, asbestos-perlite plate, foamed polystyrene and polyurethane foam etc. A thin layer of an aq. cement slurry and alkali-resistant glass fibre, e.g. coated with a Zr salt or containing ZrO₂ etc. the amt. of which is 2 to 15 wt. % based on the amt. of the cement, are coated into the material.

Derwent Class: A13; A25; A93; L02; Q43; Q44

International Patent Class (Additional): E04B-001/94; E04C-002/06